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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/542,644

02/08/2006

Reinhard Hoffmann

32860-000910/US

1699

30596

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11/10/2008

HARNESS, DICKEY & PIERCE, P.L.C.

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EXAMINER

LAM, THANH

ART UNIT

PAPER NUMBER

2834

MAIL DATE

DELIVERY MODE

11/10/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/542,644	<b>Applicant(s)</b> HOFFMANN ET AL.	
	<b>Examiner</b> THANH LAM	<b>Art Unit</b> 2834	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 June 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-3,6,10,13-15 and 18-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,6,10,13-15 and 18-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments with respect to claims 1-3,6,10,13-15, and 18 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3,6,10,13-15, and 18-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Kazmieerczak (US 6,570,290).

Regarding claim 1, Kazmieerczak discloses a long stator motor, comprising: a stator iron (10) in which slots (14) are arranged for holding cable windings, with two cables (18a-18c and 20a-20c) running in one slot, wherein, in order to increase magnetic flux in the stator iron, at least two cable windings are arranged one above the other, and at least two cables run one above the other in each slot.

Regarding claim 2, Kazmieerczak discloses three cable windings are arranged in one layer as a three-phase winding, and wherein the layers formed in this way are arranged one above the other.

Regarding claim 3, Kazmieerczak discloses the cables which run in one slot are connected to the same phase of the three-phase windings.

Regarding claim 6, Kazmieerczak discloses two three-phase windings, arranged one above the other, are in each case offset through  $180^\circ$  with respect to one another.

Regarding claim 10, Kazmieerczak discloses two three-phase windings, arranged one above the other, are in each case offset through  $180^\circ$  with respect to one another.

Regarding claim 13, Kazmieerczak discloses a long stator motor, comprising: a stator iron (10), including grooves (14) for accommodating cable windings, at least two cable windings (18a-18c and 20a-20c) being arranged one above the other by running at least two cables run inside each groove (14) to thereby increase magnetic flux in the stator iron.

Regarding claim 14, Kazmieerczak discloses three cable windings are arranged in one layer as a three-phase winding, and wherein the layers formed in this way are arranged one above the other.

Regarding claim 15, Kazmieerczak discloses the cables which run in one slot are connected to the same phase of the three-phase windings.

Regarding claim 18, Kazmieerczak discloses two three-phase windings, arranged one above the other, are in each case offset through  $180^\circ$  with respect to one another.

Regarding claim 19, Kazmieerczak discloses the two cables are magnetic flux generating cables.

Regarding claim 20, Kazmieerczak discloses the two cables are arranged in identical slots, one above the other.

Regarding claim 21, Kazmieerczak discloses an uppermost layer consists of three cable windings.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THANH LAM whose telephone number is (571)272-2026. The examiner can normally be reached on Mo-Fr, 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Quyen P. Leung can be reached on (571) 272-8188. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thanh Lam/  
Primary Examiner  
Art Unit 2834